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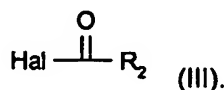
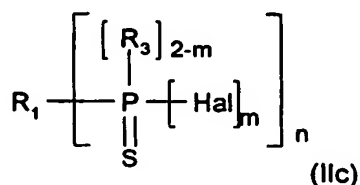
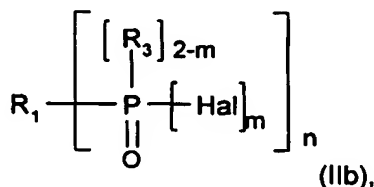
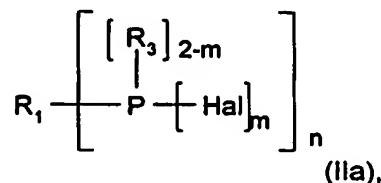
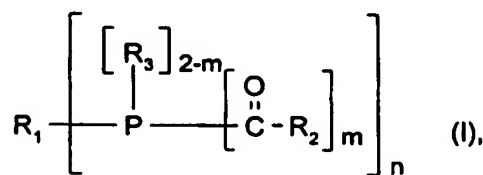
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(54) Title: PROCESS FOR PREPARING ACYLPHOSPHANES AND DERIVATIVES THEREOF



(57) Abstract: The present invention relates to a new, selective process for the preparation of mono- and bisacylphosphanes of formula (I) n and m are each independently of the other 1 or 2; R₁, if n = 1, is e.g. phenyl R₁, if n = 2, is e.g. C₁-C₁₈alkylene or phenylene; R₂ is e. g. C₁-C₁₈alkyl, phenyl or substituted phenyl; R₃ is e. g. C₁-C₁₈alkyl, by (1) reacting a phosphorous halide of formula IIa or a phosphorous halide oxide of formula (IIb) or a phosphorous halide sulfide of formula (IIc) with an alkali metal in a solvent in the presence of a proton source; (2) subsequent reaction with m acid halides of formula (III) An oxidation step may follow to obtain mono- and bisacylphosphane oxides or mono- and bisacylphosphane sulfides.

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